

## Abstract

The invention relates to a redundant serial bus and a method for its operation. In order to connect serial bus systems which are known per se but have no system-integrated redundancy means to one another by means of bus lines (11, 12) of redundant design, a redundancy means (3) is proposed which can be connected upstream and is connected between the bus communications interface (200) of a bus subscriber (2) and the redundant bus lines (11, 12). In this case, during operation, transmission always takes place on all the bus lines (11, 12), and a fault-free bus line (11, 12) is selected at the receiving end.

Related figure, Figure 1